

Q1

Sequence Listing

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Tamio MIZUKAMI
Akeo SHINKAI
Hideharu ANAZAWA

<120> Peptides having a cyclic structure and restoring the activities of P53 protein to mutant P53 protein

<130> 1061

<140> PCT/JP98/02148

<141> 1998-5-15

<150> JP97/126113

<151> 1997-05-15

<160> 32

<210> 1

<211> 15

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<220>

<223> Synthetic peptide

<400> 1

Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15

<210> 2

<211> 13

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<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 2

Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys
1 5 10



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AI
AGM

<210> 3
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Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys
1 5 10

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Cys Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15
Cys

<210> 5
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<400> 5

All
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<210> 6
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<223> Xaa represents L-Cysteine amide

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1 5 10 15
Xaa

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<223> Xaa represents N-Acetyl-L-cysteine

<220>
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<222> (17)
<223> Xaa represents L-Cysteine amide

AI

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<223> Synthetic peptide

<400> 7

Xaa Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15
Xaa

<210> 8

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<212> DNA

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<223> Other nucleic acid Synthetic DNA

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CATGGCAGTG ACCCGGAAGG CAGTCTGGCT GT
32

<210> 10

<211> 26

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<223> Other nucleic acid Synthetic DNA

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TCGAGAGACA TGCCTAGACA TGCCTG
26

<210> 11

*Alt
Cont.*

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TCGACAGGCA TGTCTAGGCA TGTCTC
26

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<212> DNA
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<223> Other nucleic acid Synthetic DNA

<400> 12
TCGAGCCCCGG GGGTACCGCA TG
22

<210> 13
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<212> DNA
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<220>
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<400> 13
CGGTACCCCC GGGC
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<210> 14
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<212> DNA
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TCGAGGGACT TGCCTGGACT TGCCTGTCGA CG
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<400> 15
GTACCGTCGA CAGGCAAGTC CAGGCAAGTC CC
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<223> Xaa represents 12-Dodecanamide

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Cys Xaa

<210> 17
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<222> (17)
<223> Xaa represents N-Dodecyl-L-cysteine amide

<220>
<223> Synthetic peptide

<400> 17
Cys Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15
Xaa

<210> 18
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<212> PRT
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<223> Xaa represents N-Octadecyl-L-cysteine amide

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Xaa

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<222> (14)

All
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<223> Synthetic peptide

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1 5 10 15
Cys

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<223> Xaa represents L-Cysteine.

<220>

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<222> (17)

<223> Xaa represents L-Cysteine amide.

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<223> Synthetic peptide

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Xaa

<210> 21

<211> 16

<212> PRT

<213> Artificial Sequence

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<221> BINDING

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<223> BINDING type is -CONH2- between -NH2(+)in Lys and -COOH
in Leu.

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Lys Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15

<210> 22
<211> 16
<212> PRT
<213> Artificial Sequence

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<221> DISULFID
<222> (1)..(8)

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<221> SITE
<222> (16)
<223> Xaa represents L-Leucine amide.

<220>
<223> Synthetic peptide

<400> 22
Cys Leu Lys Ser Lys Lys Gly Cys Ser Thr Ser Arg His Lys Lys Xaa
1 5 10 15

<210> 23
<211> 16
<212> PRT
<213> Artificial Sequence

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in Asp.

<220>
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<222> (16)

<223> Xaa represents L-Leucine amide.

<220>

<223> Synthetic peptide

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<210> 24

<211> 16

<212> PRT

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<222> (7)..(13)

<223> BINDING type is -CONH2-.

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<221> SITE

<222> (15)

<223> Xaa represents L-Leucine amide.

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<223> Synthetic peptide

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1 5 10 15

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<211> 16

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<222> (1)..(16)

<220>

<223> Synthetic peptide

<400> 25

Cys Leu Lys Ser Lys Lys Gln Ser Thr Ser Arg His Lys Lys Leu Cys
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<210> 26
<211> 16
<212> PRT
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<222> (1)..(16)
<223> BINDING type is -CH2S-.

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<223> Xaa represents N-Methylenecarbonyl-L-leucine whose methylene bonds to S in Cysteine amide.

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<222> (16)
<223> Xaa represents Cysteine amide whose S bonds to methylene in N-Methylenecarbonyl-L-leucine.

<220>
<223> Synthetic peptide

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Xaa Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu Xaa
1 5 10 15

<210> 27
<211> 17
<212> PRT
<213> Artificial Sequence

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<220>
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<222> (17)
<223> Xaa represents L-Cysteine amide.

<220>
<223> Synthetic peptide

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Xaa Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15
Xaa

<210> 28
<211> 16
<212> PRT
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<220>
<221> SITE
<222> (16)
<223> Xaa represents L-Cysteine amide.

<220>
<223> Synthetic peptide

<400> 28
Leu Lys Cys Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu Xaa
1 5 10 15
Xaa

<210> 29
<211> 16
<212> PRT
<213> Artificial Sequence

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<221> DISULFID
<222> (1)..(11)

<220>
<221> SITE
<222> (16)
<223> Xaa represents L-Leucine amide.

Ch
Ans.

<220>

<223> Synthetic peptide

<400> 29

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1 5 10 15

<210> 30

<211> 15

<212> PRT

<213> Artificial Sequence

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<222> (3)..(10)

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<221> SITE

<222> (15)

<223> Xaa represents L-Leucine amide.

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<223> Synthetic peptide

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<210> 31

<211> 18

<212> PRT

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<221> SITE

<222> (18)

<223> Xaa represents L-Glycine n-butyl amide.

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<223> Synthetic peptide

<400> 31

Cys Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
1 5 10 15

Cys Xaa

All
Artificial
Amide

<210> 32

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> BINDING

<222> (3)..(13)

<223> BINDING type is -CONH₂- between -COOH (a^L) in Asp and -NH₂ (a^H) in Lys

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<221> SITE

<222> (15)

<223> Xaa represents L-Leucine amide.

<220>

<223> Synthetic peptide

<400> 32

Leu Lys Asp Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Xaa
1 5 10 15